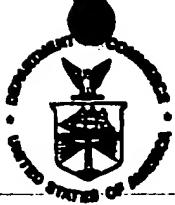


Please type a plus sign (+) inside this box → +

Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

O P E R A T I O N S				RECEIVED																																																																																																																																																																																																																																																																																																																						
DEC 04 2001 FEE TRANSMITTAL				DEC 07 2001																																																																																																																																																																																																																																																																																																																						
Note: Effective November 10, 1998. Fees are subject to annual revision.				TECH CENTER 1600/290																																																																																																																																																																																																																																																																																																																						
TOTAL AMOUNT OF PAYMENT		(\$ 920.00)																																																																																																																																																																																																																																																																																																																								
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																																						
<p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 05-0840</p> <p>Deposit Account Name: Eli Lilly and Company</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Small Entity Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th colspan="2" style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td colspan="2">Surcharge-late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td colspan="2">Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td colspan="2">Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td colspan="2">For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td colspan="2">Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td colspan="2">Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td colspan="2">Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td colspan="2">Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td colspan="2">Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td colspan="2">Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td colspan="2">Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td colspan="2">Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td colspan="2">Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td colspan="2">Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td colspan="2">Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td colspan="2">Petition to revive-unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td colspan="2">Petition to revive-unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td colspan="2">Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td colspan="2">Design Issue Fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td colspan="2">Plant Issue Fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td colspan="2">Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td colspan="2">Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td colspan="2">Submission of Information Disclosure Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td colspan="2">Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td colspan="2">Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td colspan="2">For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td colspan="2">Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td colspan="2">Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td><td colspan="4"></td></tr> <tr><td colspan="4">Other fee (specify)</td><td colspan="4"></td></tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL (1) (\$)</td> <td colspan="4" style="text-align: right;">SUBTOTAL (3) (\$ 920.00)</td> </tr> <tr> <td colspan="4" style="text-align: center;">*Reduced by Basic Filing Fee Paid</td> <td colspan="4"></td> </tr> <tr> <td colspan="4">SUBMITTED BY</td> <td colspan="4">Complete (if applicable)</td> </tr> <tr> <td colspan="2">Typed Name</td> <td colspan="2">Thomas D. Webster</td> <td colspan="2">Reg. Number</td> <td colspan="2">39,872</td> </tr> <tr> <td colspan="2">Signature</td> <td colspan="2"><i>Thomas D. Webster</i></td> <td colspan="2">Date</td> <td colspan="2">October 17, 2001</td> </tr> <tr> <td colspan="8" style="text-align: center;">CERTIFICATE OF MAILING</td> </tr> <tr> <td colspan="8">I hereby certify that this correspondence is being deposited with United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on the date appearing below.</td> </tr> <tr> <td colspan="8" style="text-align: center;"><i>K.S. Rhoades</i></td> </tr> <tr> <td colspan="8" style="text-align: center;">ELI LILLY AND COMPANY</td> </tr> <tr> <td colspan="8" style="text-align: right;">10-22-01</td> </tr> <tr> <td colspan="8" style="text-align: center;">By _____ Date _____</td> </tr> </tbody></table>				Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description		Fee Paid	105	130	205	65	Surcharge-late filing fee or oath			127	50	227	25	Surcharge-late provisional filing fee or cover sheet			139	130	139	130	Non-English specification			147	2,520	147	2,520	For filing a request for reexamination			112	920*	112	920*	Requesting publication of SIR prior to Examiner action			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			115	110	215	55	Extension for reply within first month			116	400	216	200	Extension for reply within second month			117	920	217	460	Extension for reply within third month			118	1,440	218	720	Extension for reply within fourth month			128	1,960	228	980	Extension for reply within fifth month			119	320	219	160	Notice of Appeal			120	320	220	160	Filing a brief in support of an appeal			121	280	221	140	Request for oral hearing			138	1,510	138	1,510	Petition to institute a public use proceeding			140	110	240	55	Petition to revive-unavoidable			141	1,280	241	640	Petition to revive-unintentional			142	1,280	242	640	Utility issue fee (or reissue)			143	460	243	230	Design Issue Fee			144	620	244	310	Plant Issue Fee			122	130	122	130	Petitions to the Commissioner			123	50	123	50	Petitions related to provisional applications			126	180	126	180	Submission of Information Disclosure Stmt.			581	40	581	40	Recording each patent assignment per property (times number of properties)			146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))			149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))			179	740	279	370	Request for Continued Examination (RCE)			169	900	169	900	Request for expedited examination of a design application			Other fee (specify)								Other fee (specify)								SUBTOTAL (1) (\$)				SUBTOTAL (3) (\$ 920.00)				*Reduced by Basic Filing Fee Paid								SUBMITTED BY				Complete (if applicable)				Typed Name		Thomas D. Webster		Reg. Number		39,872		Signature		<i>Thomas D. Webster</i>		Date		October 17, 2001		CERTIFICATE OF MAILING								I hereby certify that this correspondence is being deposited with United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on the date appearing below.								<i>K.S. Rhoades</i>								ELI LILLY AND COMPANY								10-22-01								By _____ Date _____							
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description		Fee Paid																																																																																																																																																																																																																																																																																																																				
105	130	205	65	Surcharge-late filing fee or oath																																																																																																																																																																																																																																																																																																																						
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																																																						
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																																																						
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																																																						
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																																																						
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																																						
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																																																						
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																																																																																																						
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																																																																																																																																						
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																																																																																																																																						
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																																																																																																																																						
119	320	219	160	Notice of Appeal																																																																																																																																																																																																																																																																																																																						
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																																						
121	280	221	140	Request for oral hearing																																																																																																																																																																																																																																																																																																																						
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																																						
140	110	240	55	Petition to revive-unavoidable																																																																																																																																																																																																																																																																																																																						
141	1,280	241	640	Petition to revive-unintentional																																																																																																																																																																																																																																																																																																																						
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																																						
143	460	243	230	Design Issue Fee																																																																																																																																																																																																																																																																																																																						
144	620	244	310	Plant Issue Fee																																																																																																																																																																																																																																																																																																																						
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																						
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																																																																						
126	180	126	180	Submission of Information Disclosure Stmt.																																																																																																																																																																																																																																																																																																																						
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																																						
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																																						
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																																						
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																						
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																						
Other fee (specify)																																																																																																																																																																																																																																																																																																																										
Other fee (specify)																																																																																																																																																																																																																																																																																																																										
SUBTOTAL (1) (\$)				SUBTOTAL (3) (\$ 920.00)																																																																																																																																																																																																																																																																																																																						
*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																																																																										
SUBMITTED BY				Complete (if applicable)																																																																																																																																																																																																																																																																																																																						
Typed Name		Thomas D. Webster		Reg. Number		39,872																																																																																																																																																																																																																																																																																																																				
Signature		<i>Thomas D. Webster</i>		Date		October 17, 2001																																																																																																																																																																																																																																																																																																																				
CERTIFICATE OF MAILING																																																																																																																																																																																																																																																																																																																										
I hereby certify that this correspondence is being deposited with United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on the date appearing below.																																																																																																																																																																																																																																																																																																																										
<i>K.S. Rhoades</i>																																																																																																																																																																																																																																																																																																																										
ELI LILLY AND COMPANY																																																																																																																																																																																																																																																																																																																										
10-22-01																																																																																																																																																																																																																																																																																																																										
By _____ Date _____																																																																																																																																																																																																																																																																																																																										



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/280,567 03/30/99 ISUJMOI.

X-12915 04U9020136

TDW
THOMAS G. PLANT, HSO.
ELI LILY AND COMPANY, PATENT DIVISION
LILY CORPORATE CENTER
DROP CODE 1501
INDIANAPOLIS IN 46285

HM22/U629

EXAMINER

BRAUNICK, M

ART UNIT

PAPER NUMBER

1646

21

DATE MAILED:

06/29/01

Due - 7-29-01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

RECEIVED
DEC 07 2001
TECH CENTER 1600/2900

RECEIVED

JUL 06 2001

ELI LILLY AND CO.
PATENT DIVISION



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DEA/FCE-1894

RIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	
567			ATTORNEY DOCKET NO.

EXAMINER	
Michael Brannock	
ART UNIT	PAPER NUMBER
1646	21

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application

Commissioner of Patents

Applicant's response to the Office Action of 6/20/00 is noted, however, Applicant's remarks will be held in abeyance because the reply filed on 4/23/01 is not fully responsive to the prior Office action 6/20/00 because of or matter(s): this application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). Applicant was required to include sequence identifiers for each of the sequences in the specification that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2).

Applicant's reply is incomplete, for example, page 70 has not been amended. Applicant's cooperation is earnestly requested to identify each sequence in the application. Such sequences would be rejected by the printer once the application is allowed. Since the above-mentioned reply appears to be bona fide, applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the reply.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael T. Brannock, Ph.D., whose telephone number is (703) 306-5876. The examiner can normally be reached on Mondays through Fridays from 9:00 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler, Ph.D., can be reached at (703) 308-6564

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Michael T. Brannock
June 27, 2001

Yvonne Eyler